

# Anti-Phospho-Histone H4 (S47) Rabbit Polyclonal Antibody



**Catalog #: U0420**

## Aliases

H4/A; H4FA; H4/I; H4FI; H4/G; H4FG; H4/B; H4FB; H4/J; H4FJ; H4/C; H4FC; H4/H; H4FH; H4/M; H4FM; H4/E; H4FE; H4/D; H4FD; H4/K; H4FK; H4/N; H4F2; H4FN; HIST2H4; H4/O; H4FO; Histone H4

## Background

Gene Name: HIST1H4A

NCBI Gene Entry:

[121504/554313/8294/8359/8360/8361/8362/8363/8364/8365/8366/8367/8368/8370](#)

UniProt Entry: [P62805](#)

## Application Information

Molecular Weight: Predicted, 11 kDa; observed, 11 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Phospho-Histone H4 (S47)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

## Validation Data

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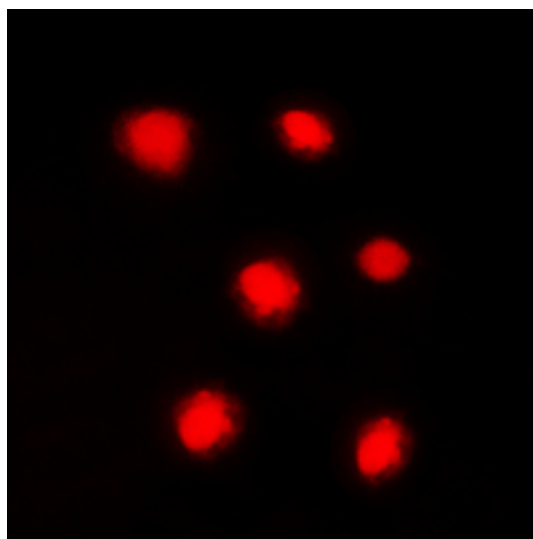
### SUPPORT

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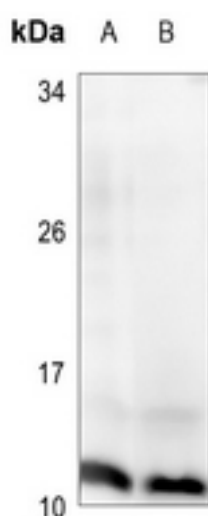
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Immunocytochemical analysis of Histone H4 (Phospho-S47) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Western blotting analysis of Histone H4 (Phospho-S47) expression in HEK293T (A), U2OS (B) whole cell lysates.